GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:3864
ANSWERED ON:08.12.2016
Projects for Power Generation
Premachandran Shri N.K.

Will the Minister of POWER be pleased to state:

(a) whether the Union Government proposes to extend financial assistance to the State Governments for hydro electric projects, if so, the details thereof, State-wise;

(b) whether the Union Government is implementing programmes in power sector with the aid of foreign agencies, if so the details thereof;

(c) the schemes and programmes introduced by the Union Government for increasing the power generation and the projects approved for the purpose, State-wise including Kerala;

(d) the details of the projects approved by the Union Government for reducing the transmission loss, State-wise; and

(e) whether the Union Government proposes to introduce any scheme for increasing the power generation using new and renewable energy, if so the action taken thereon?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) : The Government of India has been extending financial support / subsidy to the developers of the small hydro projects up to 25 MW installed capacity. Details of the same are given at Annex-I.

(b) : As far as hydro power sector is concerned, a number of projects like Purulia Pumped Storage (1000 MW), Nathpa Jhakri (1500 MW), Vishnugad Pipalkoti (444 MW) etc. have been developed / are being developed with the financial assistance from International agencies like the World Bank, ADB (Asian Development Bank), JICA (Japan International Cooperation Agency) etc. Further, under the framework of cooperation between the Government of India and the Government of Germany, KfW Germany is providing soft loan to the tune of Euro 1 Billion for the funding of Green Energy Corridors in both intra and inter State transmission projects.

Also an investment approval for "North Eastern Region Power System Improvement Project (NERPSIP) Tranche-I" scheme was given to strengthen the transmission and distribution infrastructure in Sikkim and Six states of North Eastern Region (Assam, Manipur, Mizoram, Meghalaya, Nagaland and Tripura). The estimated cost of the scheme is Rs. 5111.33 crores (Feb, 2014 price level). The scheme is being funded by the Govt. of India through the budget of Ministry of Power and the World Bank on 50:50 basis.

(c) : Presently, 44 hydro projects, with an aggregate capacity of 13182 MW, are under construction in the country as per details given in Annex-II.

(d) : The UDAY (Ujwal DISCOM Assurance Yojana) scheme announced by the Ministry of Power specifies targeted activities such as compulsory feeder and Distribution Transformer (DT) metering by States, Consumer Indexing & GIS Mapping of losses, Upgrade or change transformers, meters alongwith timelines etc. Smart metering of all consumers, consuming above 200 units/ month, Demand Side Management (DSM), Quarterly tariff revision, campaign to check power theft, assured increased power supply in areas where the Aggregate Technical & Commercial (AT&C) losses are reduced etc. are some additional measure to reduce AT&C losses.

The Government of India has set a target for achieving a total Renewable Capacity of 175 GW by the end of 2022 for increasing the power generation in the country. This includes 100 GW from Solar, 60 GW from Wind, 10 GW from Biomass and 5 GW from Small Hydro Power capacity.

In addition, the revised Tariff Policy notified on 28.01.2016 has given thrust to promote generation of electricity from renewable sources by introducing Renewable Power Obligations, Renewable Generation Obligation, bundling of renewable power with power from thermal plants, compulsory procurement of 100% power produced from all the Waste-to-Energy Plants in the State by the Distribution Companies and no inter-State Transmission charges and losses to be levied for renewable power (solar / wind) till such period as notified by the Government of India.

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